


HOLEX CleverDrill HSS jobber drill, uncoated, Ø DC h8: 4,5mm

Order data

Order number	113006 4,5
GTIN	4062406742560
Item class	12B

Description
Version:

Sturdy drills for all standard applications. Improved spot drilling behaviour due to cross-ground form. Standard core thickness and core taper. Profile ground. Surface: Bronze-coloured tempered helical flutes.

Recommendation:
Maximum drilling depth:

$$L_2 = L_c - 1.5 \times D_c.$$

Note:

Successor product to No. 113005.

Technical description

Flute length L_c	24 mm
Number of cutting edges Z	2
recommended maximum drilling depth L_2	17.3 mm
Nominal $\varnothing D_c$	4.5 mm
Feed f in steel $< 750 \text{ N/mm}^2$	0.05 mm/rev.
Standard	DIN 1897
Point angle	118 degrees
Tolerance nominal \varnothing	h8
Shank $\varnothing D_s$	4.5 mm
Overall length L	58 mm

Shank	Plain shank
Series	CleverDrill
Coating	uncoated
Tool material	HSS
Type	N
Through-coolant	no
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	80 m/min	N
Aluminium (short chipping)	suitable	63 m/min	N
Alu > 10% Si	suitable	50 m/min	N
Steel < 500 N/mm ²	suitable	35 m/min	P
Steel < 750 N/mm ²	suitable	32 m/min	P
Steel < 900 N/mm ²	suitable	25 m/min	P
Steel < 1100 N/mm ²	suitable	20 m/min	P
GG(G)	suitable	30 m/min	K
CuZn	suitable	40 m/min	N
Oil	suitable		
wet maximum	suitable		

Accessories

HOLEX CleverDrill stub drill set HSS No. 113006, type N in a case Type 1-10

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